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1 Routine/Function Prologues

1.1 Fortran: Module Interface noahdrv_module.F90 (Source File: noahdrv_module.F90)

Module for runtime specific Noah variables

REVISION HISTORY:

14 Oct 2003; Sujay Kumar, Initial Version

INTERFACE:

```
module noahdrv_module
```

ARGUMENTS:

```
type noahdrvdec
  integer :: noahopen      !Keeps track of opening files
  integer :: numoutnh      !Counts number of output times for Noah
  integer :: noah_nvegp    !Number of static vegetation parameter
  integer :: noah_nsoilp   !Number of static soil parameters
  integer :: noah_zst      !Number of Zobler soil classes
  integer :: noah_gflag    !Time flag to update gfrac files
  integer :: noah_albtime  !Time flag to update albedo files
  integer :: noah_aflag    !Time flag to update albedo files
  integer :: noah_albdchk  !Day check to interpolate alb values
  integer :: noah_gfracdchk !Day check to interpolate gfrac value
  character*40 :: NOAH_RFILE !NOAH Active Restart File
  character*40 :: NOAH_MFILE !NOAH model init. restart file
  CHARACTER*40 :: NOAH_VFILE !NOAH Static Vegetation Parameter File
  CHARACTER*40 :: NOAH_SFILE !NOAH Soil Parameter File
  CHARACTER*40 :: NOAH_MGFILE !NOAH Monthly Veg. Green Frac.
  CHARACTER*40 :: NOAH_ALBFILE !NOAH Quart. Snow-free albedo
  CHARACTER*50 :: NOAH_MXSNAL !NOAH GLDAS max snow albedo
  CHARACTER*50 :: NOAH_TBOT   !NOAH GLDAS Bottom Temp
  REAL*8 :: NOAH_GFRACTIME  !Time flag to update gfrac files
  REAL :: NOAH_ISM          !NOAH Initial Soil Moisture (m3/m3)
  REAL :: NOAH_IT           !NOAH Initial Soil Temperature (K)
  REAL :: WRITEINTN        !NOAH Output Interval (hours)
end type noahdrvdec
```